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AN 88:122218 HCA
TI Polyamide molding compositions
IN Tacke, Peter; Fahnler, Friedrich
PA Bayer A.-G., Fed. Rep. Ger.
SO Ger. Offen., 8 pp.
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE---2632957	A1	19780126	1976DE-2632957	19760722
	CH----626108	A	19811030	1977CH-0008958	19770719
	NL---7708136	A	19780124	1977NL-0008136	19770721
	JP--53012956	A2	19780206	1977JP-0087510	19770722
	FR---2359179	A1	19780217	1977FR-0022671	19770722
	FR---2359179	B1	19840608		
	GB---1559041	A	19800116	1977GB-0030870	19770722
PRAI	1976DE-2632957	A	19760722		
	1977DE-2730749	A	19770303		

AB Nylon 6 [25038-54-4] and 66 [32131-17-2] are combined at 250-80.degree. with 3-50 wt.% 3-50:97-50 acrylonitrile-butadiene copolymer rubber of mol. wt. (2.0-2.5) x 104 to give polyamide compns. with improved bending and impact resistance, esp. at low temps. Thus, nylon 6 of relative viscosity 3.02 (1 g in 99 g m-cresol at 25.degree.) contg. 10 wt.% nitrile rubber (acrylonitrile content 28 wt.%) had 0.degree. impact resistance 6.4 kJ/m2 compared to 3 kJ/m2 for nylon 6 contg. 12 wt.% conventional PhSO2NHMe plasticizer.

IT Plasticization

(of polyamides by nitrile rubber)

IT Rubber, nitrile, uses and miscellaneous

RL: MOA (Modifier or additive use); USES (Uses)

(plasticizers, for polyamide molding compns. with improved impact resistance)

IT 25038-54-4, uses and miscellaneous 32131-17-2, uses and miscellaneous

RL: USES (Uses)

(molding compns., contg. nitrile rubber plasticizers, with improved impact resistance)

IT 9003-18-3

RL: MOA (Modifier or additive use); USES (Uses)

(rubber, nitrile; plasticizers, for polyamide molding compns. with improved impact resistance)